

- B¹
cont
- 05856152 070301
- (a) providing a solid, uncured, photocurable printing plate comprising:
- 1) a backing;
 - 2) a photocurable layer on said backing having a low absorbance of radiation at a selected wavelength in the range of 300-400 nm and an initiator activatable at the selected wavelength; and;
 - 3) an ultra-violet radiation absorbing layer over said photocurable layer, said absorbing layer comprising a polymeric matrix and a dopant having a high extinction coefficient in the wavelength range of 300-400 nm, wherein said ultra-violet radiation absorbing layer is capable of being photoablated by a laser operating at a first energy level in the wavelength of 300-400 nm, and wherein unablated areas of said absorbing layer are capable of absorbing substantially all irradiated light in the wavelength range of 300-400 nm from an ultra-violet light source operating at a second energy level lower than said first energy level;
- (b) photoablating said absorbing layer using a laser, thereby providing ablated and unablated areas forming an image;
- (c) flood exposing said laser imaged printing plate to UV light in the wavelength of 300-400 nm, without a negative, thereby curing the photocurable layer in areas under ablated areas of said absorbing layer; and
- (d) developing said exposed, laser-imaged plate.

11. The method of claim 10 wherein the dopant is 2,2',4,4'-

12. The method of claim 10 wherein unablated areas of said absorbing layer are

13. The method of claim 10 wherein the uncured printing plate further

14. The method of claim 12 wherein the uncured printing plate further

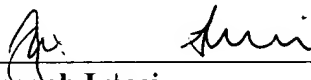
Bix
cont

THE UNIVERSITY OF CHICAGO PRESS

Conclusion

Applicants submit that the claims are in condition for allowance, and an early Office Action to that effect is earnestly solicited.

Respectfully submitted,



Joseph Lucci
Registration No. 33,307

Date: July 3, 2001

WOODCOCK WASHBURN KURTZ
MACKIEWICZ & NORRIS LLP
One Liberty Place - 46th Floor
Philadelphia, PA 19103
Telephone: (215) 568-3100
Facsimile: (215) 568-3439

05065152 070301